

For Research Use Only

GSTM5 Monoclonal antibody, PBS Only



Catalog Number: 68210-1-PBS

Basic Information

Catalog Number: 68210-1-PBS	GenBank Accession Number: BC058881	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 2949	CloneNo.: 2E5C2
Source: Mouse	UNIPROT ID: P46439	
Isotype: IgG2a	Full Name: glutathione S-transferase mu 5	
Immunogen Catalog Number: AG6054	Calculated MW: 26 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse, rat, pig, rabbit

Background Information

GSTM5, Glutathione S-transferases, belongs to eukaryotic and prokaryotic phase II metabolic isozymes family. It can catalyze the conjugation of the reduced form of glutathione (GSH) to xenobiotic substrates for detoxification. GSTM5 undergo epigenetic repression in AMD (age-related macular degeneration) RPE/choroid, which may increase susceptibility to oxidative stress in AMD retinas (PMID: 22410570). GSTM5 was found in brain, lung and testis (PMID: 9230131).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

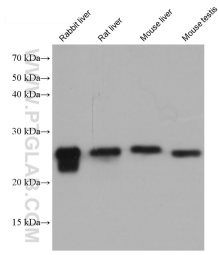
T: 4006900926

E: Proteintech-CN@ptglab.com

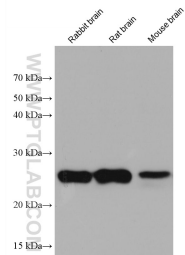
W: ptgcn.com

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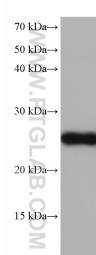
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68210-1-Ig (GSTM5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68210-1-PBS in a different storage buffer formulation.



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pig liver tissue were subjected to SDS PAGE followed by western blot with 68210-1-Ig (GSTM5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68210-1-PBS in a different storage buffer formulation.